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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/760,269 | 01/21/2004 | Kia Silverbrook | WAL18US | 1023 |

24011 7590 10/25/2006

SILVERBROOK RESEARCH PTY LTD
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AUSTRALIA

EXAMINER

LEBRON, JANNELLE M

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| ART UNIT | PAPER NUMBER |
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2861

DATE MAILED: 10/25/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

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|------------------------------|---------------------------------------|---|--|
| Office Action Summary | Application No. 10/760,269 | Applicant(s) SILVERBROOK ET AL. | |
| | Examiner Jannelle M. Lebron | Art Unit 2861 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 August 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2,8 and 31 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2,8 and 31 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 07 August 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1 and 2 are rejected under 35 U.S.C. 102(b) as being anticipated by Silverbrook (US 2002/0180834).

3. Regarding claim 1, Silverbrook discloses a removable printhead assembly for a printer which prints onto a moving web, comprising:

a full width stationary printhead (refer to abstract) located on a rail along which it slides for service and removal (paragraphs 0013, 0014 and 0057);

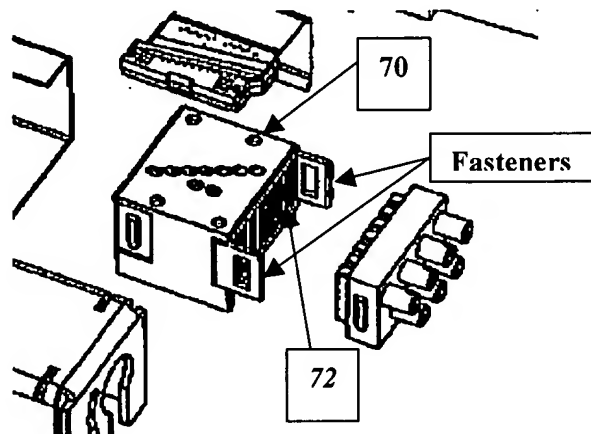
a number of replaceable ink reservoirs which supply the printhead with different inks (paragraphs 0057 and 0064);

the printhead comprising a color printhead which is at least as wide as the web (refer to abstract); and

the printhead being supplied with the different inks through tubes which can be disconnected so the printhead may be removed (paragraphs 0057 and 0059).

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4. Regarding claim 2, Silverbrook discloses a removable printhead assembly wherein: the printhead is secured to the rail by fasteners which allow the printhead to be removed when the fasteners are disengaged (paragraph 0057; as seen below referring to fig. 8).



Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Silverbrook (US 2002/0180834) in view of Silverbrook (WO0189848).

Silverbrook discloses the claimed limitations as set forth above regarding claim 1 with the exception of "one or more rail microadjusters for accurately adjusting a gap between the printhead and the media onto which it is printing."

WO0189848 teaches one or more rail microadjusters for accurately adjusting a gap between the printhead and the media onto which it is printing (page 6, lines 38-43 and page 7, lines 1-11).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to modify the Silverbrook invention to include means for accurately adjusting a gap between the printhead and the media onto which it is printing as taught by W00189848 for the purpose of providing proper distance between paper and printhead and thus improve printing quality.

7. Claim 31 is rejected under 35 U.S.C. 103(a) as being unpatentable over Silverbrook (US 2002/0180834) in view of Martin (US 2002/0171692).

Silverbrook discloses everything claimed with the exception of "wherein the printer is a self contained printer for producing rolls of wallpaper, the printer comprising: a cabinet in which is located a media path which extends from a media cartridge loading area to a winding area; a processor which accepts operator inputs which are used to configure the printer for producing a particular roll; and the winding area adapted to removably retain a core and wind onto it, wallpaper produced by the printer."

Martin discloses a printhead assembly for a printer (18 in fig. 2) wherein the printer comprises:

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a cabinet in which is located a media path which extends from a media cartridge loading area to a winding area (as shown in fig.2);

a processor (38 in fig. 2) which accepts operator inputs (36 and 37) which are used to configure the printer for producing a particular roll paragraphs 0009 and 0010); and

the winding area adapted to removably retain a core and wind onto it, wallpaper produced by the printer (as shown in fig.2).

Communication with the USPTO

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jannelle M. Lebron whose telephone number is (571) 272-2729. The examiner can normally be reached on Monday thru Friday 8:30am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vip Patel can be reached on (571) 272-2458. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Jannelle M. Lebrón
AU 2861
10/20/2006



VIP PATEL
SUPERVISORY PATENT EXAMINER